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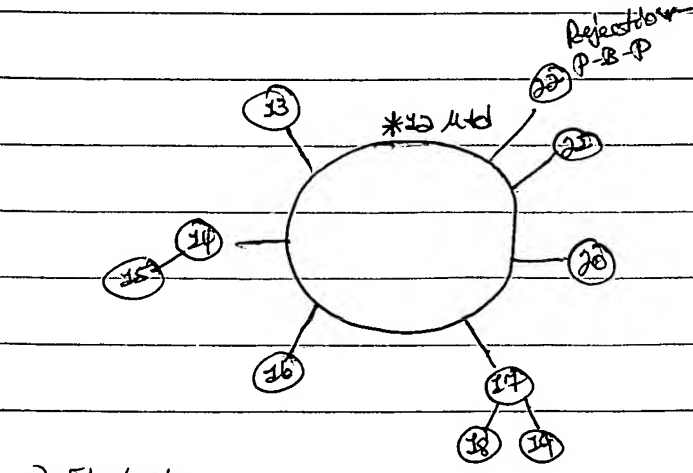
10/597,199 Examiner's Notes

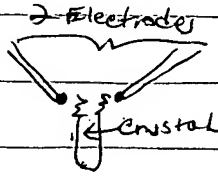
IDS (04/13/2002)

Li S (crystal#) (100) (nonlinear (8a) optical)
L2 S (foreign (6a) atom#)
L3 S (remov? or eliminat or rid or decreas?) (8a) (electron# (8a) crystal#)
L4 S (lithium (w) titanate or $LiNbO_3$ or $LiTaO_3$ or lithium (w) niobate) (8a) (crystal#)
L5 S (convert? or alter? or chang?) (8a) atom# (8a) -ion?

Objection to Specification:
- Proper Title Section need to be inserted;

103 Rej
Claims 12-16 (Brue reference)





claim 12, 13, 14

"Light-Induced charge Transport processes in photorefractive crystals II: Materials"

Buse teaches a method for treating LiNbO3 & LiTaO3 crystals comprising doping ~~Iron~~ Fe + Cu in order to change the distribution of charge between traps with different optical excitation energies.

Does not teach removing stored electrons using external current source

claims 15 & 16 Obvious optimization

Teaches